

Mouse defensin, beta 1 ELISA Kit | DEFB1 elisa kit

Mouse beta-defensins 1 ELISA Kit

CATALOG # AAA15684	REACTIVITY Mouse
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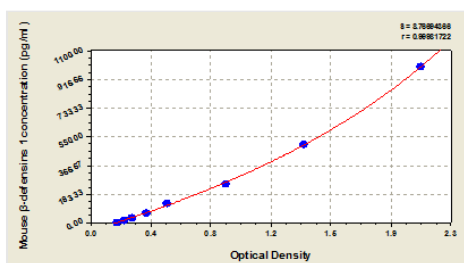
PRODUCT SYNONYMS

defensin; beta 1; Mouse beta-defensins 1 ELISA Kit; BD1; DEFB-1; DEFB101; HBD1; MGC51822; beta-defensin-1; DEFB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse beta-defensins 1. No significant cross-reactivity or interference between mouse beta-defensins 1 and analogues was observed.
Sequence Length	69
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DEFB1 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for beta-defensins 1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any beta-defensins 1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for beta-defensins 1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of beta-defensins 1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6681161
NCBI GeneID	13214
NCBI Accession #	NP_031869.1
NCBI GenBank Nucleotide #	NM_007843.3
UniProt Accession #	P56386
Molecular Weight	7,749 Da
NCBI Official Full Name	beta-defensin 1
NCBI Official Synonym Full Names	defensin beta 1
NCBI Official Symbol	Defb1
NCBI Official Synonym Symbols	BD-1; AW260221
NCBI Protein Information	beta-defensin 1
UniProt Protein Name	Beta-defensin 1
UniProt Gene Name	Defb1
UniProt Synonym Gene Names	BD-1; mBD-1
UniProt Entry Name	DEFB1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/defb1-mouse-elisa-kits/defensin-beta-1/15684>